

$^{18}\text{O}(^{18}\text{O},^{18}\text{N})$ [1981NaZQ](#)

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	R. Spitzer, J. H. Kelley		ENSDF	30-Jun-2021

[1981NaZQ](#): The $^{18}\text{O}(^{18}\text{O},^{18}\text{N})$ reaction was measured using a $E(^{18}\text{O})=100$ MeV beam from the Orsay Tandem. The ^{18}N reaction products were momentum analyzed using 180° double-focusing magnetic spectrograph at $\theta=4^\circ-8^\circ$. The ground state was observed with $\Delta M=13207$ keV 35 along with an excited state at 575 keV. See also ([1981BeYZ](#)).

 ^{18}N Levels

<u>E(level)[‡]</u>	<u>Comments</u>
0 [†] 575 25	E(level): $\Delta M=13207$ keV 35.

[†] The ground state was later resolved as a doublet in $^{18}\text{O}(^7\text{Li},^7\text{Be})$ ([1983Pu01](#)).

[‡] Energies deduced in this work are unreliable because of the low-lying doublet.